



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

PC250-1110
Job Sheet 196166



Part No: PC250-1110

Job Qty: 6 pcs

Part Name: Bolt



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 6/7/19

Job Tracking No:

Created By: Jennifer Renwick

Due Date: 7/15/19

Type: SOLD

Description:

Note: PC250-1110 REV.2 IPP REV:A 18.02.22 NEW ISSUE DD VERF:DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Conventional Lathe - 1	6 pcs	7/15/19	7/15/19	0.50	0.43	Conventional Lathe - 1		
							Conventional Lathe - 2		
110	QC 2	6 pcs	7/15/19	7/15/19	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		
							QC 2 - 8		
							QC 2 - 66		
							QC 2 - 64		
							QC 2 - 65		
							QC 2 - 5		
							QC 2 - 71		
							QC 2 - 73		
							QC 2 - 69		
							QC 8 - 12		
120	QC 8	6 pcs	7/15/19	7/15/19	0.00	0.00	QC 8 - 14		
							QC 8 - 17		
							QC 8 - 20		
							QC 8 - 25		
							QC 8 - 3		

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Container No: S192028



Part: PC250 - 1110

Job No: 196166

Serial No/Batch: S192028

Revision: 2

Inspector:

Exp Date:

Instructions:

Date: 06/19/19

				QC 8 - 32	
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
				QC 8 - 47	
				QC 8 - 40	
				QC 8 - 52	
				QC 8 - 23	
				QC 8 - 57	
130	Outsource - 3 - Cadplate	6 pcs	7/15/19	GRO002-VC	10
140	Packaging 2-1 - Receive - B4B	6 pcs	7/15/19	0.00 0.00	Packaging 2 - 1 - B4B
					Packaging 2 - 2 - B4B
					Packaging 2 - 3 - B4B
					Packaging 2 - 5 - B4B
					Packaging 2 - 4 - B4B
					Packaging 2 - 6 - B4B
					Packaging 2 - 7 - B4B
					Packaging 2 - 8 - B4B
					Packaging 2 - 9 - B4B
					Packaging 2 - 10 - B4B
					Packaging 2 - 11 - B4B
					Packaging 2 - 12 - B4B
					Packaging 2 - 13 - B4B
					Packaging 2 - 14 - B4B
					Packaging 2 - 15 - B4B
					Packaging 2 - 16 - B4B
					Packaging 2 - 17 - B4B
					Packaging 2 - 18 - B4B
					Packaging 2 - 19 - B4B
					Packaging 2 - 20 - B4B
					Packaging 2 - 21 - B4B
					Packaging 2 - 22 - B4B
					Packaging 2 - 23 - B4B
					Packaging 2 - 24 - B4B
					Packaging 2 - 25 - B4B
					Packaging 2 - 26 - B4B
					Packaging 2 - 27 - B4B
					Packaging 2 - 28 - B4B
					Packaging 2 - 29 - B4B
					Packaging 2 - 30 - B4B
					Packaging 2 - 31 - B4B
					Packaging 2 - 32 - B4B
					Packaging 2 - 33 - B4B
					Packaging 2 - 34 - B4B
					Packaging 2 - 35 - B4B
					Packaging 2 - 36 - B4B
150	QC 6	6 pcs	7/15/19	0.00 0.00	QC 6 - 9
					QC 6 - 68
					QC 6 - 61
					QC 6 - 40
160	Packaging 3-1 - Stock - B4B	6 pcs	7/15/19	0.00 0.00	Packaging 3 - 1 - B4B
					Packaging 3 - 2 - B4B
					Packaging 3 - 3 - B4B
					Packaging 3 - 4 - B4B
					Packaging 3 - 5 - B4B
					Packaging 3 - 6 - B4B
					Packaging 3 - 7 - B4B
					Packaging 3 - 8 - B4B
					Packaging 3 - 9 - B4B
					Packaging 3 - 10 - B4B

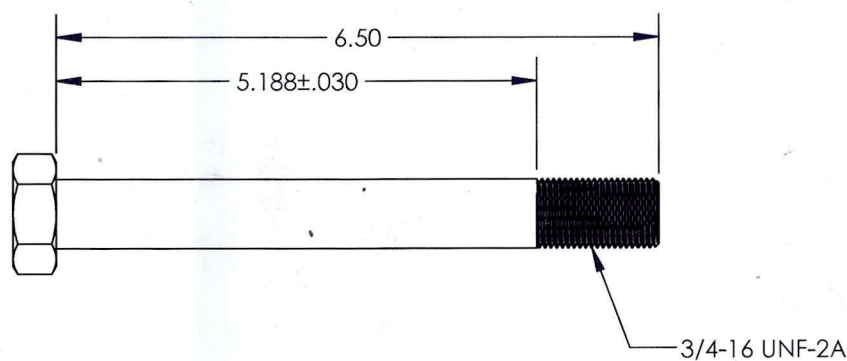
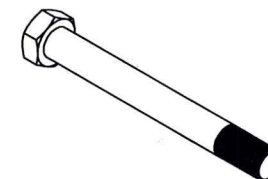
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				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
170 QC 21 - FG	6 pcs	7/15/19	0.00 0.00	QC 21 - FG - 21	
				QC 21 - FG - 70	
				QC 21 - SA - 53	
Part Op 100 - (Manufacture as per dwg) TURN THREADS AS PER DWG PART OFF TO FINISH SIZE AS PER DWG Descriptions: 110 - QC2- Inspect parts off machine FAI/FAIB) 120 - (QC8- Inspect parts - second check) 130 - -Issue P/O to Groupe Altech: P/O <u>43817</u> -Cadmium plating, QQ-P16F TYPE II, CLASS II -Color; Yellow - Certificate of Conformity is required 140 - (Receive & Inspect for Damage & Mat'l Certs) Receive 150 - (QC6- All purchased or subcontracted products) 160 - (Identify as per dwg & Stock Location: _____) Identify and Stock 170 - (QC21- Final Inspection - Work Order Release)					
Job BOM					
Part / Item	Component Name	Quantity	Operation	Container	
91257A890	Bolt	6 pcs (1 ea)	100-Conventional Lathe - 1	5083982 GA069	
Job Allocations					
Operation	Component Part	Required	Inventory	Allocated	
100-Conventional Lathe - 1	91257A890	6	16	0	
Part Specifications					
Specifications could not be found.					

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	9/24/2015	DPD	JAG
2	16-0022	CH'D FINISH WAS CAD PLATE YELLOW IS YELLOW ZINC, CH'D BO INFO WAS 3/4-16 X 8 #91257A887 IS 3/4-16 X 9 GRADE 8 #91257A890.	2/5/2016	RJC	JAG



const = 0.06587"

Pitch & max = 0.7079
min = 0.7029

over wires
0.773
0.768

DART AEROSPACE	
TITLE BOLT	
DWG NO. PC250-1110	REV 2
MAT'L STEEL HEAT TREAT FINISH YELLOW ZINC SPEC ASTM B633 TYPE II SC 2 DRAWN BY: DUERFELDT CHECKED: DUERFELDT OPPTS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125/ 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
USED ON MODEL	
SCALE 1:2	DATE 9/18/2015
SHEET 1 OF 1	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS
			PC250-1110	1	BOLT	STEEL	3/4-16 X 9 (MCMASTER-CARR #91257A890)*MODIFIED



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043817



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB043817

PO Date: 6/21/19

Due Date: 7/2/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pynt Terms: Net 60

Freight Terms:

Special Comments:

E-MAILED
2019-06-25

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	196166	PC250-1110	Bolt -Issue P/O to Groupe Altech: P/O _____ -Cadmium plating, QQ-P16F TYPE II, CLASS II -Color: Yellow - Certificate of Conformity is required	Firmed	-	7/2/19	6 pcs	0 pcs	6 pcs	\$29.1666/pcs	\$175.00

Grand Total: \$175.00

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 6/25/19 3:47 PM Dart.Guerin.Kimberley

DAS
40
9-89



GROUPE

Altech

FM-1020 Rev 20151005

Certificat de Conformité / Certificate of Compliance

(020267-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
Tel: 514-335-3666 Fax: 514-335-3668
www.groupaltech.com

Bon de Livraison / Packing Slip

020267- 1

Livré à / Ship to

DART AEROSPACE LTD

1270 ABERDEEN STREET
HAWKESBURY, ON, K6A1K7
CANADA

Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD

1270 ABERDEEN STREET
HAWKESBURY, ON, K6A1K7
CANADA

BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
28-Jun-2019		SVETLANA DORZHIYEVA		POHB043817				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	PC250-1110 Rev.	PC250-1110 01 -CAD YELLOW 500 [CADMIUM YELLOW 500] QQ-P-416F TYPE 2 CLASS 2 NO BAKING	CADMIUM CH	6	6	0	0	0

RECEIVED
JUL 02 2019
DART AEROSPACE LTD.

Notes Additionnelles / Additional Notes

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Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Jc JAY

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
Our financial and legal responsibility will not be higher than the amount of invoice.